



THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Edwin SOUTHERN : Group Art Unit 187
Serial No. 07/695,682 :
Filed May 3, 1991 :
ANALYSING POLYNUCLEOTIDE :
SEQUENCES :

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the following references, copies enclosed with PTO-1449:

I. The references in this Group include a review article Tenover, Clinical Microbiology Reviews, 82-101 (January 1988) entitled "Diagnostic Deoxyribonucleic Acid Probes for Infectious Diseases" as well as the references cited therein.

1. Tenover, Clinical Microbiology Reviews, 1(1) 82-101 (January 1988)
2. Ogle et al., The Journal of Infectious Diseases, 155(1), 119-126 (January 1987)
3. Moseley, et al., Advances in Research on Cholera and Related Diarrheas, 207-216 (1983)
4. Frankel et al., The Journal of Infectious Diseases, 161 1252-1256 (1990)
5. Ezaki, Asian Med. J., 34(8), 454-459 (1991)
6. Ezaki et al., Cancer, 61, 106-109 (1988)
7. Horn et al., Concise Communications, 1250-1252
8. Robins-Browne et al., Journal of Clinical Microbiology, 27(4), 644-650 (April 1989)

9. Ezaki et al., International Journal of Systematic Bacteriology, 36(2), 345-347 (1986)
10. McDonough et al., Journal of Clinical Microbiology, 26(12), 2515-2519 (1988)
11. Nucleic Acids Research, 10(22), 7181-7196 (1982)
12. Nucleic Acids Research, 10(22), 7163-7180 (1982)
13. Nucleic Acids Research, 13(3), 745-761 (1985)
14. Koomey et al., Infection and Immunity, 43(1), 101-107 (January 1984)
15. Syvanen, Medical Biology 64, 313-324 (1986) (Review Article)
16. Nagata et al., FEBS Letters, 183(2), 379-382 (April 1985)
17. Ezaki et al., FEMS Microbiology Letters, 67, 127-130 (1990)
18. Kilpper-Balz et al., System. Appl. Microbiol., 5, 494-500 (1984)
19. Habermehl, Ed., Rapid Methods and Automation in Microbiology and Immunology, 30-33 (1985)
20. Schachter, Diagn. Microbiol. Infect. Dis., 4, 185-189 (1986)
21. Starnbach, Journal of Clinical Microbiology, 27(6), 1257-1261 (June 1989)
22. Ezaki et al., Microbiol. Immunol., 32(2), 141-150 (1988)
23. Ezaki et al., J. Gen. Appl. Microbiol., 34, 191-199 (1988)
24. Ezaki et al., Journal of Clinical Microbiology, 26(9), 1708-1713 (September 1988)
25. Farrow et al., System. Appl. Microbiol., 5, 467-482 (1984)
26. Farrow et al., System. Appl. Microbiol., 5, 483-493 (1984)

27. Dean et al., Journal of Clinical Microbiology, 27(5), 1062-1067 (May 1989)

II. These references deal with linkers and nucleic acid probe assays:

28. Nucleic Acids Research, 15(13), 5353-5372 (1987)

29. Nucleic Acids Research, 15(13), 5373-5390 (1987)

30. WO 88/01302 - February 25, 1988

III. A reference relating to multiplex DNA sequencing.

31. Church et al., Science, 240, 185-188 (April 8, 1988)

IV.

32. EPO-A2 0,392,546 - October 17, 1990

In number 32, reference is made to a Yugoslavian patent 570/87. A copy of that patent and English translation accompanies (numbers 32A and 32B respectively).

Favorable action on the merits is now requested.

Respectfully submitted,

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May 18, 1992